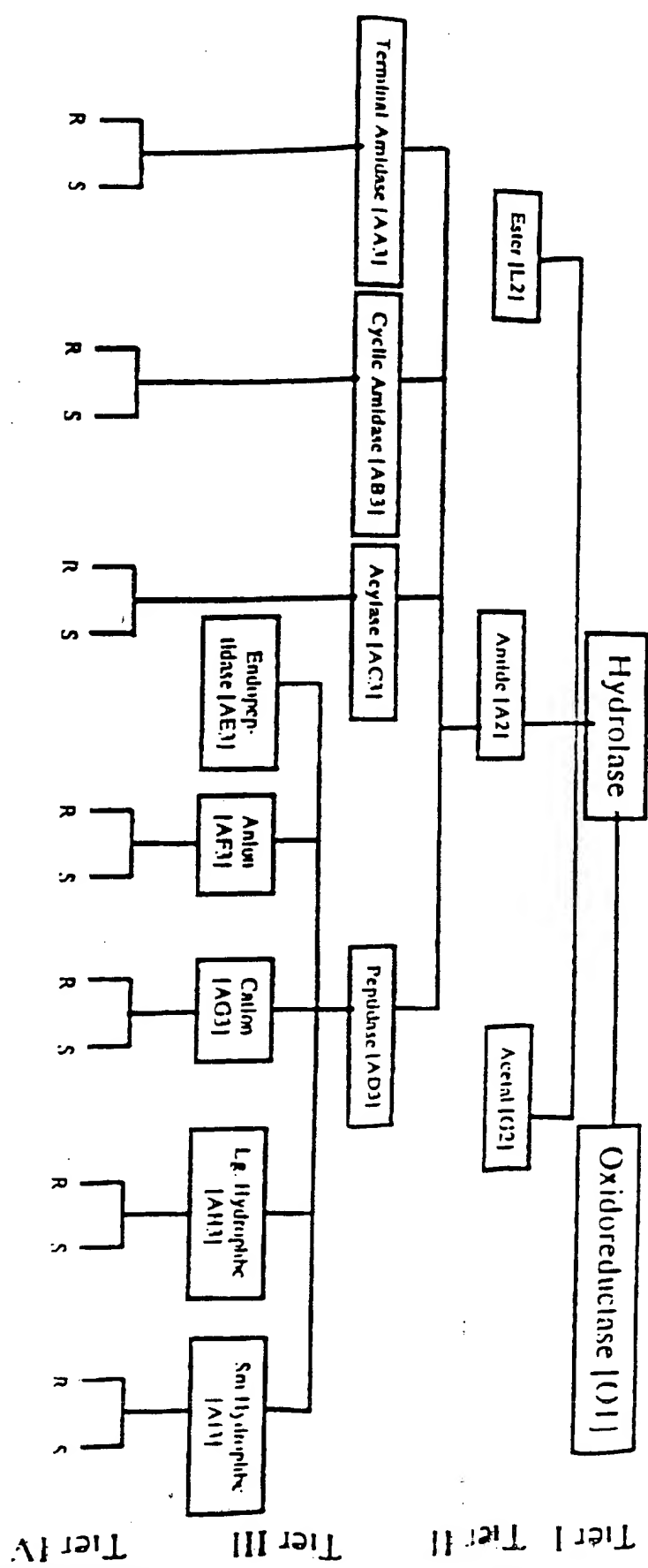


Figure 1



Enzyme Classification System

Figure 2 shows the classification of enzymes based on their function and structure.

Figure 2

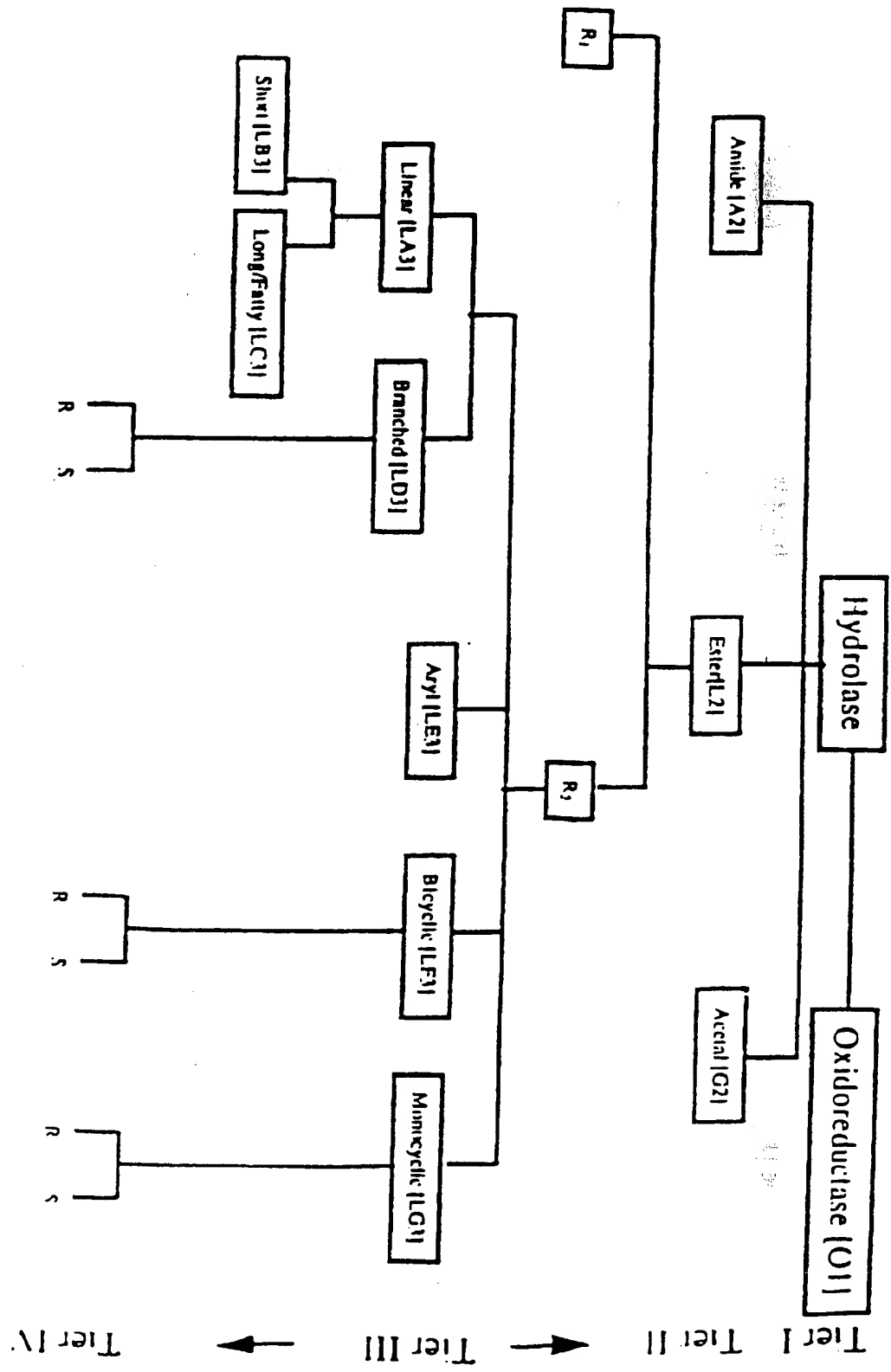


Figure 3

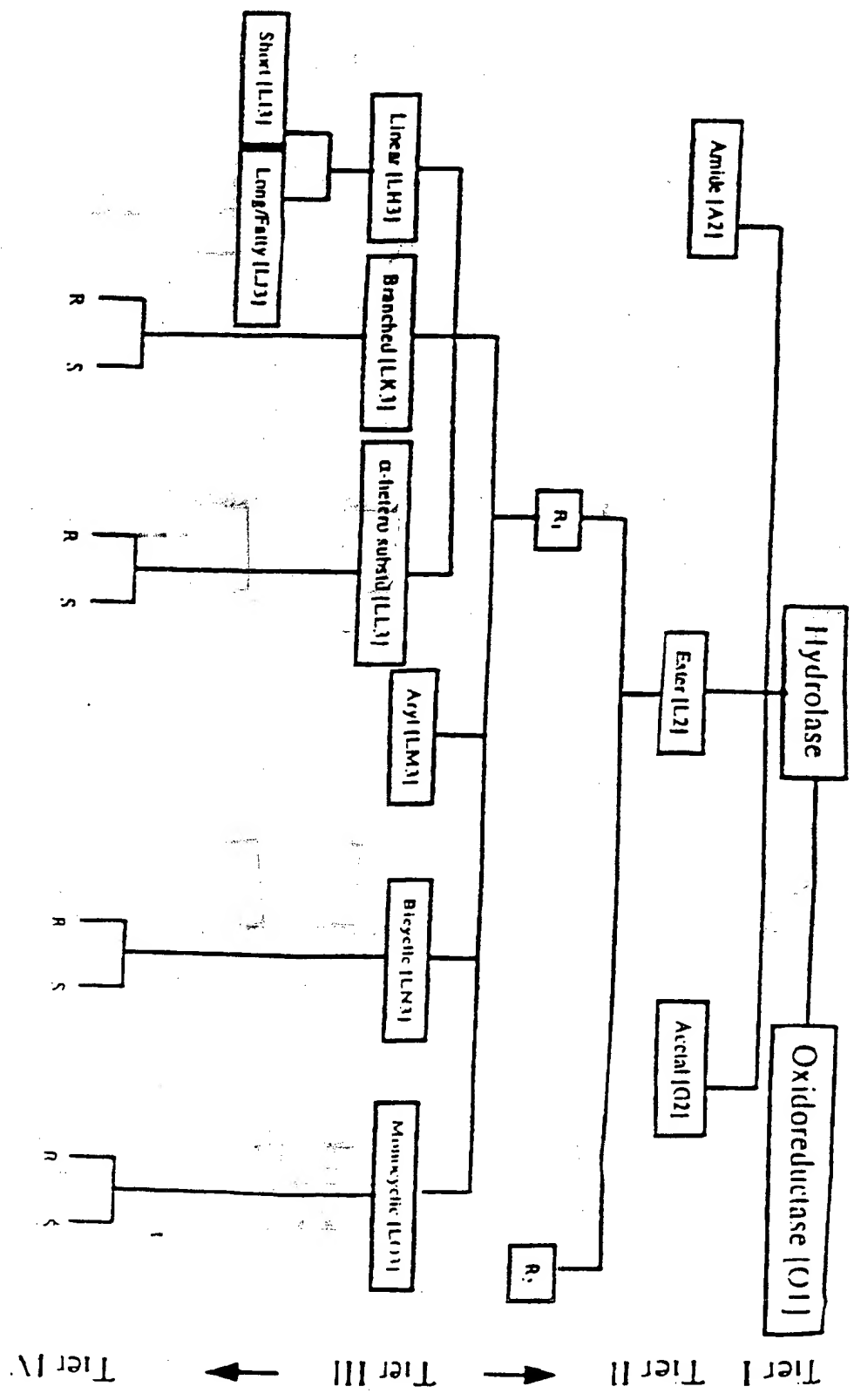


Figure 4

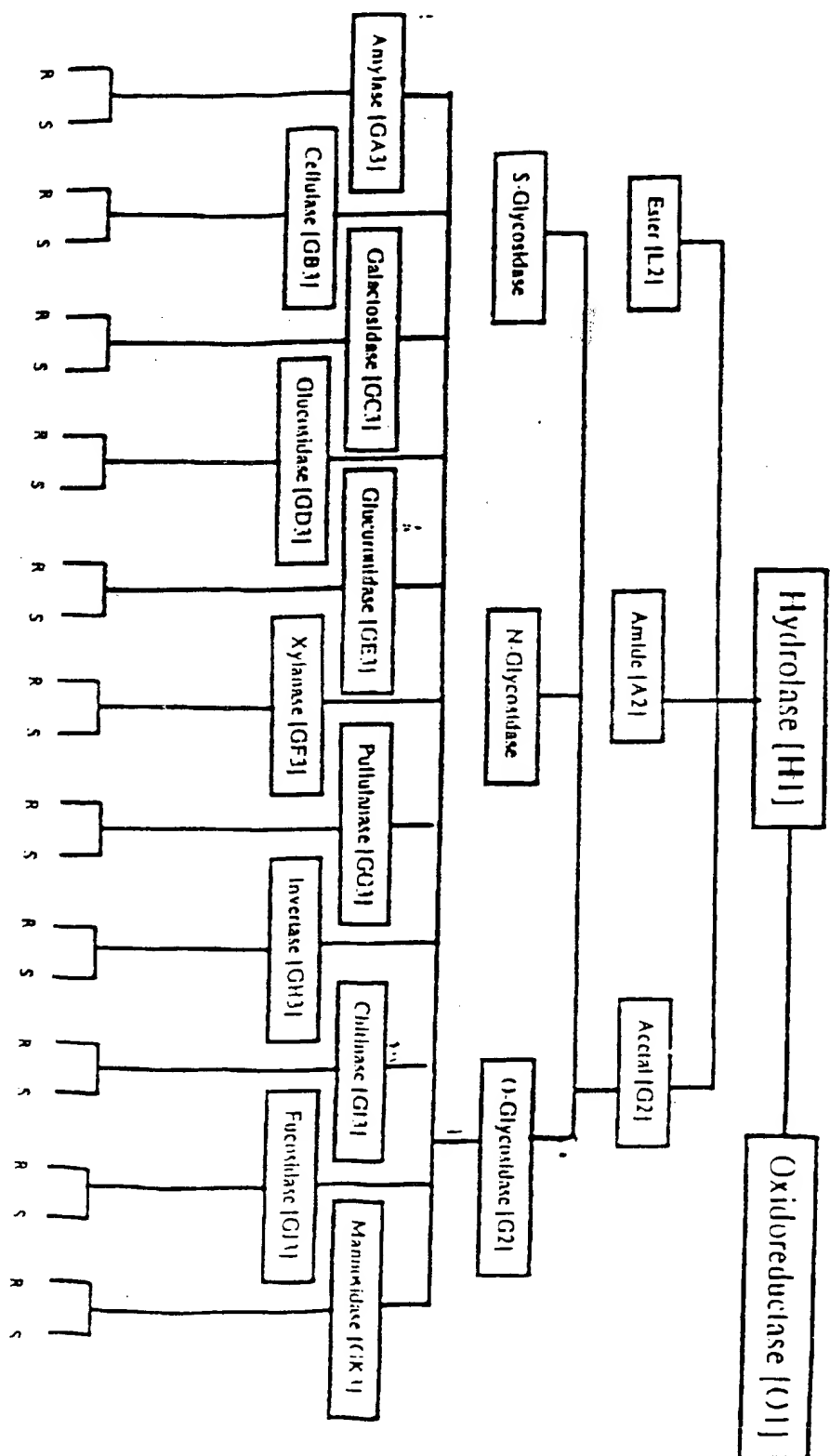
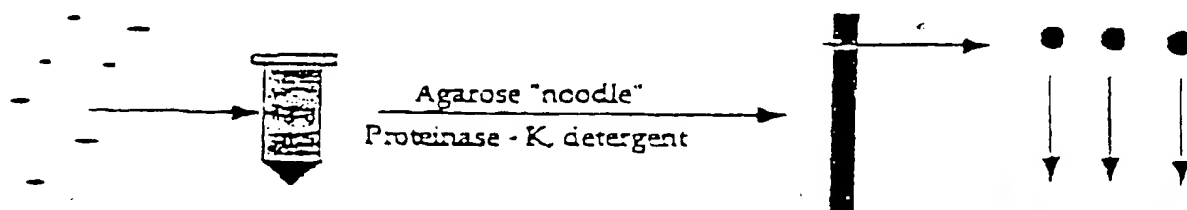


Figure 5

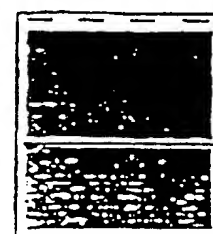
Environmental Library Construction in pFOS1

1. Concentrate bacteria, digest protein and preserve high MW DNA



2. Partially digest DNA and select 40 kbp fragments by PFGE or by λ -packaging (step 3)

40



3. Ligate to fosmid arms, package and transfect to *E. coli*.
Array library in microtiter plates.

